

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2004/000324

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: G01R 11/00; G08C 19/00; H02J 13/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPAT, USPTO, Esp@cenet: power line, communication, monitor, control, energy, usage, meter, memory, interface, intelligent, packet, routing table and similar terms

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	US 2004/0193329A1 (RANSOM et al), 30 September 2004 whole document	
A	US 6043642A (MARTIN et al), 28 March 2000 whole document	
A	EP 201253B1 (THORN EMI Patents Limited), 18 December 1991 whole document	



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
1 April 2005Date of mailing of the international search report  
06 APR 2005

Name and mailing address of the ISA/AU

AUSTRALIAN PATENT OFFICE  
PO BOX 200, WODEN ACT 2606, AUSTRALIA  
E-mail address: pct@ipaustalia.gov.au  
Facsimile No. (02) 6285 3929

Authorized officer

MANISH RAJ  
Telephone No : (02) 6283 2175

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/NZ2004/000324

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	2004/0193329	CA	2148076	US	5650936	US	5828576
		US	6694270	US	6751562	US	6792337
		US	2003101008	US	2003105608	US	2003204756
		US	2003212512	US	2003220752	US	2004059469
		US	2004107025	US	2004133367	US	2004138786
		US	2004138787	US	2004138834	US	2004138835
		US	2004162642	US	2004186670	US	2005039040
US	6043642	US	6020734	US	6377037		
EP	0201253	CA	1252538	US	4937569		
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							

BEST AVAILABLE COPY